

**PATENT APPLICATION FEE DETERMINATION RECORD**  
Effective October 1, 2003

Application or Docket Number

10/677874

**CLAIMS AS FILED - PART I**

|                                                           | (Column 1)    | (Column 2)   |
|-----------------------------------------------------------|---------------|--------------|
| TOTAL CLAIMS                                              | 79            |              |
| FOR                                                       | NUMBER FILED  | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS                                   | 79 minus 20 = | 59           |
| INDEPENDENT CLAIMS                                        | 15 minus 3 =  | 12           |
| MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/> |               |              |

\* If the difference in column 1 is less than zero, enter "0" in column 2

10-2-03 CLAIMS AS AMENDED - PART II

|                                                                         | (Column 1)                       | (Column 2)                         | (Column 3)    |
|-------------------------------------------------------------------------|----------------------------------|------------------------------------|---------------|
| AMENDMENT A                                                             | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|                                                                         | 45                               |                                    |               |
| Total                                                                   | * 45                             | Minus ** 79                        | = 34          |
| Independent                                                             | * 11                             | Minus *** 15                       | = 4           |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

|                                                                         | (Column 1)                       | (Column 2)                         | (Column 3)    |
|-------------------------------------------------------------------------|----------------------------------|------------------------------------|---------------|
| AMENDMENT B                                                             | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|                                                                         |                                  |                                    |               |
| Total                                                                   | *                                | Minus **                           | =             |
| Independent                                                             | *                                | Minus ***                          | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

|                                                                         | (Column 1)                       | (Column 2)                         | (Column 3)    |
|-------------------------------------------------------------------------|----------------------------------|------------------------------------|---------------|
| AMENDMENT C                                                             | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|                                                                         |                                  |                                    |               |
| Total                                                                   | *                                | Minus **                           | =             |
| Independent                                                             | *                                | Minus ***                          | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
  - \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
  - \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

| RATE      | FEE    |
|-----------|--------|
| BASIC FEE | 385.00 |
| XS 9=     | 0      |
| X43=      |        |
| +145=     |        |
| TOTAL     |        |

| RATE      | FEE    |
|-----------|--------|
| BASIC FEE | 770.00 |
| XS18=     |        |
| X86=      |        |
| +290=     |        |
| TOTAL     |        |

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| XS 9=            |                |
| X43=             |                |
| +145=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| XS18=            |                |
| X86=             |                |
| +290=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| XS 9=            |                |
| X43=             |                |
| +145=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| XS18=            |                |
| X86=             |                |
| +290=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| XS 9=            |                |
| X43=             |                |
| +145=            |                |
| TOTAL ADDIT. FEE |                |

| RATE             | ADDITIONAL FEE |
|------------------|----------------|
| XS18=            |                |
| X86=             |                |
| +290=            |                |
| TOTAL ADDIT. FEE |                |

# PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

10/677874  
29997/035B

## CLAIMS AS FILED - PART I

(Column 1) (Column 2)

|                                  |               |                          |
|----------------------------------|---------------|--------------------------|
| TOTAL CLAIMS                     | 45            |                          |
| FOR                              | NUMBER FILED  | NUMBER EXTRA             |
| TOTAL CHARGEABLE CLAIMS          | 45 minus 20 = | * 25                     |
| INDEPENDENT CLAIMS               | 11 minus 3 =  | * 8                      |
| MULTIPLE DEPENDENT CLAIM PRESENT |               | <input type="checkbox"/> |

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A |                                                                         | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |
|-------------|-------------------------------------------------------------------------|-------------------------------------------|-------|---------------------------------------------|------------------|
|             | Total                                                                   | *                                         | Minus | **                                          | =                |
|             | Independent                                                             | *                                         | Minus | ***                                         | =                |
|             | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                           |       |                                             |                  |

(Column 1) (Column 2) (Column 3)

| AMENDMENT B |                                                                         | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |
|-------------|-------------------------------------------------------------------------|-------------------------------------------|-------|---------------------------------------------|------------------|
|             | Total                                                                   | *                                         | Minus | **                                          | =                |
|             | Independent                                                             | *                                         | Minus | ***                                         | =                |
|             | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                           |       |                                             |                  |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C |                                                                         | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |
|-------------|-------------------------------------------------------------------------|-------------------------------------------|-------|---------------------------------------------|------------------|
|             | Total                                                                   | *                                         | Minus | **                                          | =                |
|             | Independent                                                             | *                                         | Minus | ***                                         | =                |
|             | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                           |       |                                             |                  |

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY  
TYPE ☐

OR  
OTHER THAN  
SMALL ENTITY

| RATE      | FEE    |    | RATE      | FEE    |
|-----------|--------|----|-----------|--------|
| BASIC FEE | 385.00 | OR | BASIC FEE | 770.00 |
| X\$ 9=    |        | OR | X\$18=    | 450    |
| X43=      |        | OR | X86=      | 688    |
| +145=     |        | OR | +290=     |        |
| TOTAL     |        | OR | TOTAL     | 1908   |

SMALL ENTITY OR OTHER THAN  
SMALL ENTITY

| RATE                | ADDI-<br>TIONAL<br>FEE |    | RATE                | ADDI-<br>TIONAL<br>FEE |
|---------------------|------------------------|----|---------------------|------------------------|
| X\$ 9=              |                        | OR | X\$18=              |                        |
| X43=                |                        | OR | X86=                |                        |
| +145=               |                        | OR | +290=               |                        |
| TOTAL<br>ADDIT. FEE |                        | OR | TOTAL<br>ADDIT. FEE |                        |

| RATE                | ADDI-<br>TIONAL<br>FEE |    | RATE                | ADDI-<br>TIONAL<br>FEE |
|---------------------|------------------------|----|---------------------|------------------------|
| X\$ 9=              |                        | OR | X\$18=              |                        |
| X43=                |                        | OR | X86=                |                        |
| +145=               |                        | OR | +290=               |                        |
| TOTAL<br>ADDIT. FEE |                        | OR | TOTAL<br>ADDIT. FEE |                        |

| RATE                | ADDI-<br>TIONAL<br>FEE |    | RATE                | ADDI-<br>TIONAL<br>FEE |
|---------------------|------------------------|----|---------------------|------------------------|
| X\$ 9=              |                        | OR | X\$18=              |                        |
| X43=                |                        | OR | X86=                |                        |
| +145=               |                        | OR | +290=               |                        |
| TOTAL<br>ADDIT. FEE |                        | OR | TOTAL<br>ADDIT. FEE |                        |

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE